






Serious Solutions for Stuck Fasteners

IRWIN® Tools has the solution to deal with a stuck fastener, a rounded or broken head, a snapped stud, or a stripped screw or fitting. Five different styles of extractors give you extra gripping power to remove problem fasteners without damaging workpieces.

Remove the Guesswork in Fastener Extraction

Fasteners vary widely in composition and hardness. That's why IRWIN has many different products for removing damaged fasteners and parts. Each extraction tool is specifically designed to take into account the material involved in order to make removal easier. The guidelines below will help you choose the tool that will deliver the optimal results for your particular situation.

Extractor Type	Benefits	Fastener Size Range	Drive Tool
Straight Flute 	<ul style="list-style-type: none"> Extracts without expanding material Ideal for pipes and fittings Works on left-hand or right-hand threads 	3/16" - 7/8"	<ul style="list-style-type: none"> Tap Wrench Wrench Socket Wrench VISE-GRIP® Locking Pliers IRWIN Tap Adaptors
Spiral Screw 	<ul style="list-style-type: none"> Spiral bites into harder materials with increasing torque Flutes embed deeper with each turn 	3/32" - 2-1/2"	<ul style="list-style-type: none"> Tap Wrench Wrench Socket Wrench VISE-GRIP Locking Pliers IRWIN Tap Adaptors
Multi-Spline Screw 	<ul style="list-style-type: none"> Low profile enables use in confined areas Provides most torque of internal extractors Engages fastener without a deep hole 	1/8" - 7/8"	<ul style="list-style-type: none"> Flat Wrench Socket Wrench VISE-GRIP Locking Pliers
Bolt Extractor 	<ul style="list-style-type: none"> Engages rusted-over, painted-on, and stripped-out bolts Grips broken, worn, or stubborn fasteners Drive with a variety of tools 	1/4" - 1"	<ul style="list-style-type: none"> Socket Wrench Wrench VISE-GRIP Locking Pliers
POWER-GRIP™ Screw & Bolt Extractors 	<ul style="list-style-type: none"> Grips rusted, painted, stripped, and even round-head fasteners and screws Easily fits into drill or power driver with quick change shank 	3/16" - 1/2"	<ul style="list-style-type: none"> Power Drill VISE-GRIP Locking Pliers

Guide for Using Screw Extractors

Drill a hole in the threaded part or fastener to be removed. Drill deep enough for the extractor to grip without bottoming out. For best results, use a left-handed drill bit. Insert the extractor and turn with a wrench or drive tool.

HANSON® BOLT-GRIP® Bolt Extractors



53910

- Reverse spiral flutes bite into bolt
- For use with 3/8" socket drive, VISE-GRIP® Locking Pliers, or wrench.

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item #
1/4"	6 mm	3/8"	53901
5/16"	8 mm	3/8"	53902
3/8"	—	3/8"	53903
—	10 mm	3/8"	53904
7/16"	11 mm	3/8"	53905
—	12 mm	3/8"	53906
1/2"	—	3/8"	53907
—	13 mm	3/8"	53908
9/16"	14 mm	3/8"	53909
5/8"	16 mm	3/8"	53910
—	17 mm	3/8"	53911
11/16"	—	3/8"	53912
3/4"	19 mm	3/8"	53913
3/4"	19 mm	1/2"	53914
13/16"	21 mm	1/2"	53915
7/8"	22 mm	1/2"	53916
15/16"	24 mm	1/2"	53917
1"	—	1/2"	53918

HANSON BOLT-GRIP 9-piece Fractional Bolt Extractor Set



54009

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item #
1/4"	6 mm	3/8"	53901
5/16"	8 mm	3/8"	53902
3/8"	—	3/8"	53903
7/16"	11 mm	3/8"	53905
1/2"	—	3/8"	53907
9/16"	14 mm	3/8"	53909
5/8"	16 mm	3/8"	53910
11/16"	—	3/8"	53912
3/4"	19 mm	3/8"	53913

HANSON BOLT-GRIP 9-piece Metric Bolt Extractor Set



54019

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item #
5/16"	8 mm	3/8"	53902
—	10 mm	3/8"	53904
7/16"	11 mm	3/8"	53905
—	12 mm	3/8"	53906
—	13 mm	3/8"	53908
9/16"	14 mm	3/8"	53909
5/8"	16 mm	3/8"	53910
—	17 mm	3/8"	53911
3/4"	19 mm	3/8"	53913

HANSON BOLT-GRIP 13-piece Professional Industrial Set



54113

Removes Fractional Size Bolts	Removes Metric Size Bolts	Drive Size	Item #
1/4"	6 mm	3/8"	53901
5/16"	8 mm	3/8"	53902
3/8"	—	3/8"	53903
—	10 mm	3/8"	53904
7/16"	11 mm	3/8"	53905
—	12 mm	3/8"	53906
1/2"	—	3/8"	53907
—	13 mm	3/8"	53908
9/16"	14 mm	3/8"	53909
5/8"	16 mm	3/8"	53910
—	17 mm	3/8"	53911
11/16"	—	3/8"	53912
3/4"	19 mm	3/8"	53913

EXTRACTORS